

## Patent Application US/07/722,101

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

(i) APPLICANT: Linsley, Peter S  
Ledbetter, Jeffrey A  
Damle, Nitin K  
Brady, William

(ii) TITLE OF INVENTION: LIGAND FOR CD28 RECEPTOR ON B CELLS AND METHODS

(iii) NUMBER OF SEQUENCES: 7

## (iv) CORRESPONDENCE ADDRESS:

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(B) STREET: 201 South Lake Avenue, Suite 800  
(C) CITY: Pasadena  
(D) STATE: California  
(E) COUNTRY: United States  
(F) ZIP: 91101

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:  
(B) FILING DATE:  
(C) CLASSIFICATION:

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Mandel, SaraLynn  
(B) REGISTRATION NUMBER: 31,853  
(C) REFERENCE/DOCKET NUMBER: 7794

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (818) 796-4000  
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## (2) INFORMATION FOR SEQ ID NO:1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 39 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

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54  
55 (iii) HYPOTHETICAL: NO  
56  
57 (iv) ANTI-SENSE: NO  
58  
59 (vi) ORIGINAL SOURCE:  
60 (A) ORGANISM: Homo sapiens  
61  
62  
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
64  
65 CTAGCCACTG AAGCTTCACC ATGGGTGTAC TGCTCACAC 39  
66  
67 (2) INFORMATION FOR SEQ ID NO:2:  
68  
69 (i) SEQUENCE CHARACTERISTICS:  
70 (A) LENGTH: 39 base pairs  
71 (B) TYPE: nucleic acid  
72 (C) STRANDEDNESS: single  
73 (D) TOPOLOGY: linear  
74  
75 (ii) MOLECULE TYPE: DNA (genomic)  
76  
77 (iii) HYPOTHETICAL: NO  
78  
79 (iv) ANTI-SENSE: NO  
80  
81 (vi) ORIGINAL SOURCE:  
82 (A) ORGANISM: Homo sapiens  
83  
84  
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
86  
87 TGGCATGGGC TCCTGATCAG GCTTAGAAGG TCCGGGAAA 39  
88  
89 (2) INFORMATION FOR SEQ ID NO:3:  
90  
91 (i) SEQUENCE CHARACTERISTICS:  
92 (A) LENGTH: 39 base pairs  
93 (B) TYPE: nucleic acid  
94 (C) STRANDEDNESS: single  
95 (D) TOPOLOGY: linear  
96  
97 (ii) MOLECULE TYPE: DNA (genomic)  
98  
99 (iii) HYPOTHETICAL: NO  
100  
101 (iv) ANTI-SENSE: NO  
102  
103 (vi) ORIGINAL SOURCE:  
104 (A) ORGANISM: Homo sapiens  
105  
106

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107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

108

109 TTTGGGCTCC TGATCAGGAA AATGCTCTTG CTTGGTTGT

39

110

111 (2) INFORMATION FOR SEQ ID NO:4:

112

113 (i) SEQUENCE CHARACTERISTICS:

114 (A) LENGTH: 84 base pairs

115 (B) TYPE: nucleic acid

116 (C) STRANDEDNESS: single

117 (D) TOPOLOGY: linear

118

119 (ii) MOLECULE TYPE: DNA (genomic)

120

121 (iii) HYPOTHETICAL: NO

122

123 (iv) ANTI-SENSE: NO

124

125 (vi) ORIGINAL SOURCE:

126 (A) ORGANISM: Homo sapiens

127

128

129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

130

131 AAGCAAGAGC ATTTTCCTGA TCAGGAGCCC AAATCTTCTG ACAAACACTCA CACATCCCCA

60

132

133 CCGTCCCCAG CACCTGAACT CCTG

84

134

135 (2) INFORMATION FOR SEQ ID NO:5:

136

137 (i) SEQUENCE CHARACTERISTICS:

138 (A) LENGTH: 41 base pairs

139 (B) TYPE: nucleic acid

140 (C) STRANDEDNESS: single

141 (D) TOPOLOGY: linear

142

143 (ii) MOLECULE TYPE: DNA (genomic)

144

145 (iii) HYPOTHETICAL: NO

146

147 (iv) ANTI-SENSE: NO

148

149 (vi) ORIGINAL SOURCE:

150 (A) ORGANISM: Homo sapiens

151

152

153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

154

155 CTTGACCAG TCTAGAAGCA TCCTCGTGCG ACCGCGAGAG C

41

156

157 (2) INFORMATION FOR SEQ ID NO:6:

158

159 (i) SEQUENCE CHARACTERISTICS:

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160 (A) LENGTH: 47 base pairs  
161 (B) TYPE: nucleic acid  
162 (C) STRANDEDNESS: single  
163 (D) TOPOLOGY: linear  
164

165 (ii) MOLECULE TYPE: DNA (genomic)  
166

167 (iii) HYPOTHETICAL: NO  
168

169 (iv) ANTI-SENSE: NO  
170

171 (vi) ORIGINAL SOURCE:

172 (A) ORGANISM: Homo sapiens  
173  
174

175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
176

177 CATTGCACAG TCAAGCTTCC ATGCCCATGG GTTCTCTGGC CACCTTG  
178

47

179 (2) INFORMATION FOR SEQ ID NO:7:  
180

181 (i) SEQUENCE CHARACTERISTICS:

182 (A) LENGTH: 39 base pairs

183 (B) TYPE: nucleic acid

184 (C) STRANDEDNESS: single

185 (D) TOPOLOGY: linear  
186

187 (ii) MOLECULE TYPE: DNA (genomic)  
188

189 (iii) HYPOTHETICAL: NO  
190

191 (iv) ANTI-SENSE: NO  
192

193 (vi) ORIGINAL SOURCE:

194 (A) ORGANISM: Homo sapiens  
195  
196

197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
198

199 ATCCACAGTG CAGTGATCAT TTGGATCCTG GCATGTGAC

39

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SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/07/722,101

DATE: 07/18/91

TIME: 08:38:39

LINE ERROR

ORIGINAL TEXT

PAGE: 1

SEQUENCE MISSING ITEM REPORT  
PATENT APPLICATION US/07/722,101

DATE: 07/18/91  
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MANDATORY IDENTIFIER THAT WAS NOT FOUND

PRIOR APPLICATION DATA  
APPLICATION NUMBER  
FILING DATE

PAGE: 1

SEQUENCE CORRECTION REPORT  
PATENT APPLICATION US/07/722,101

DATE: 07/18/91  
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LINE ORIGINAL TEXT

CORRECTED TEXT